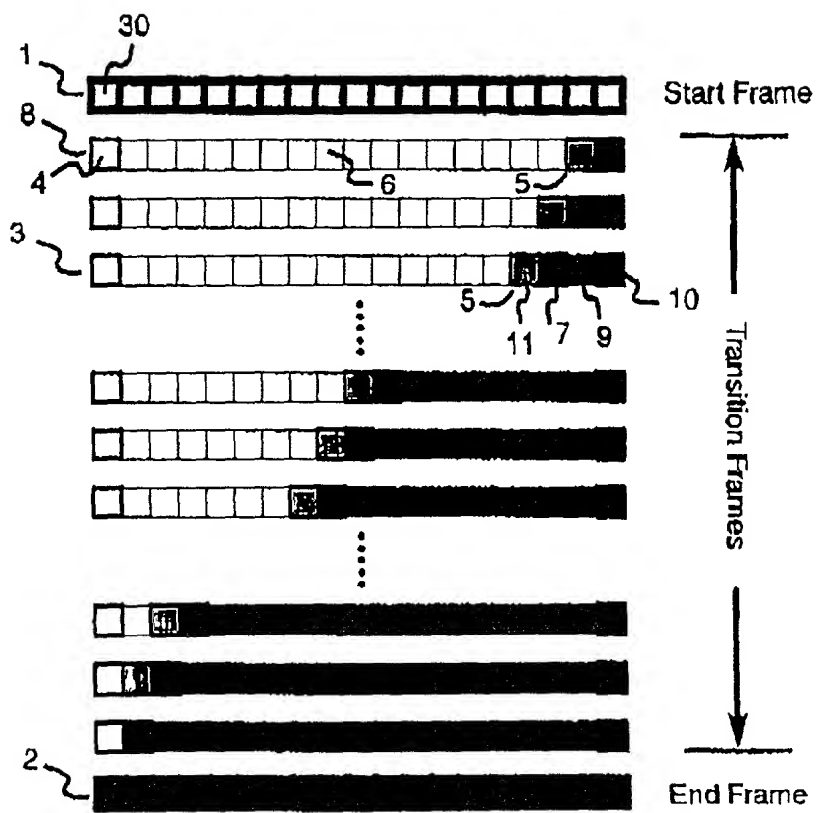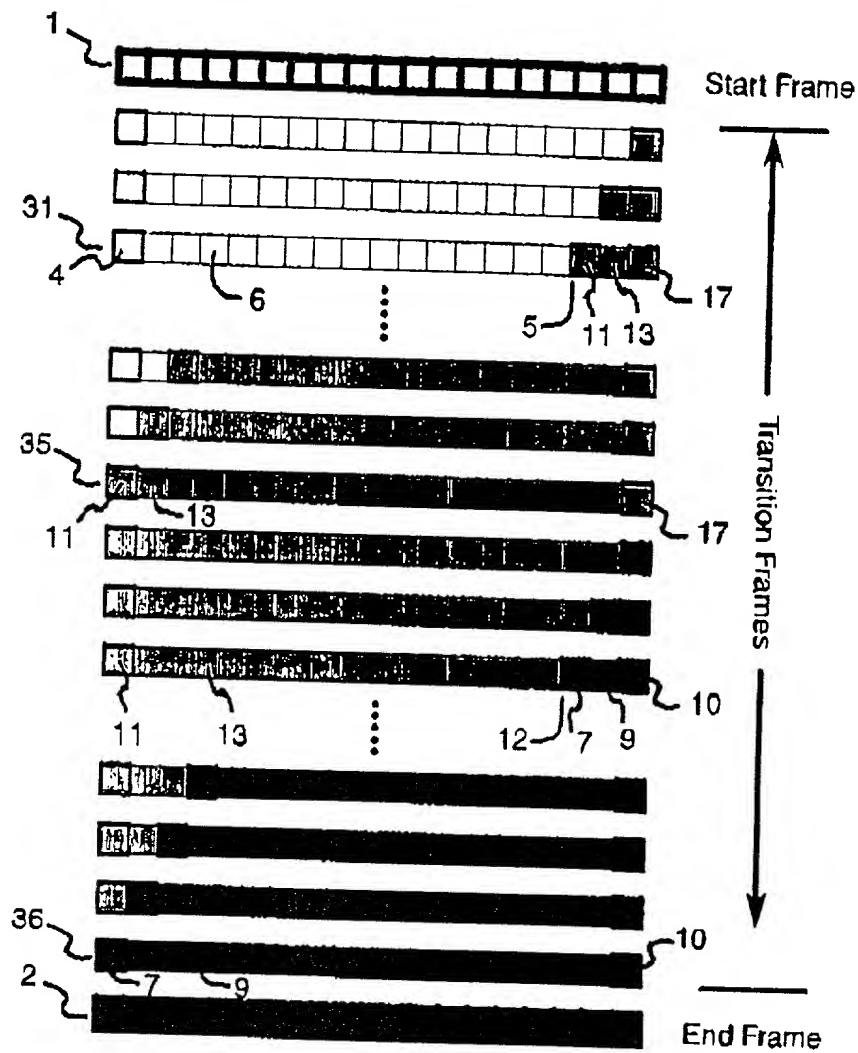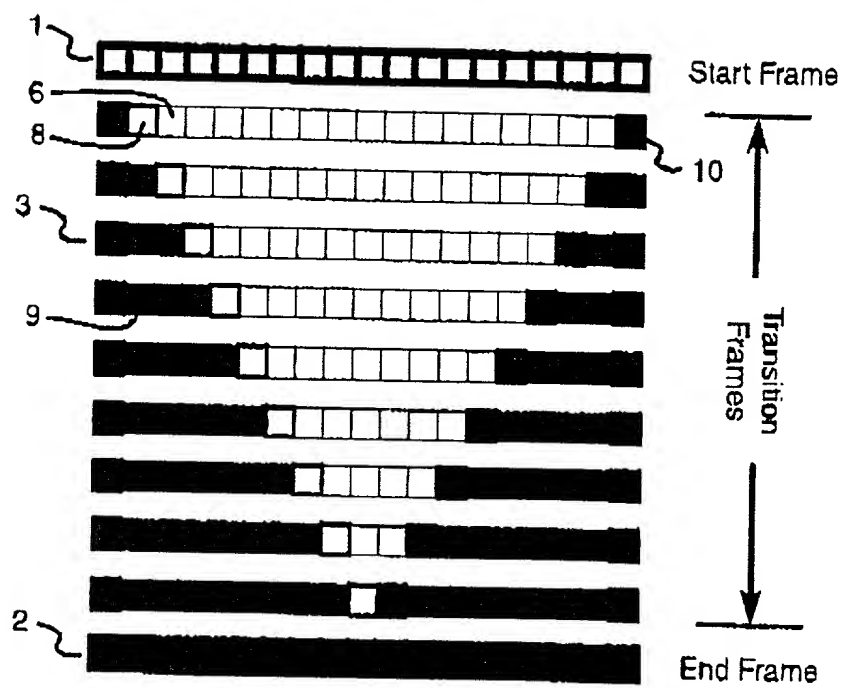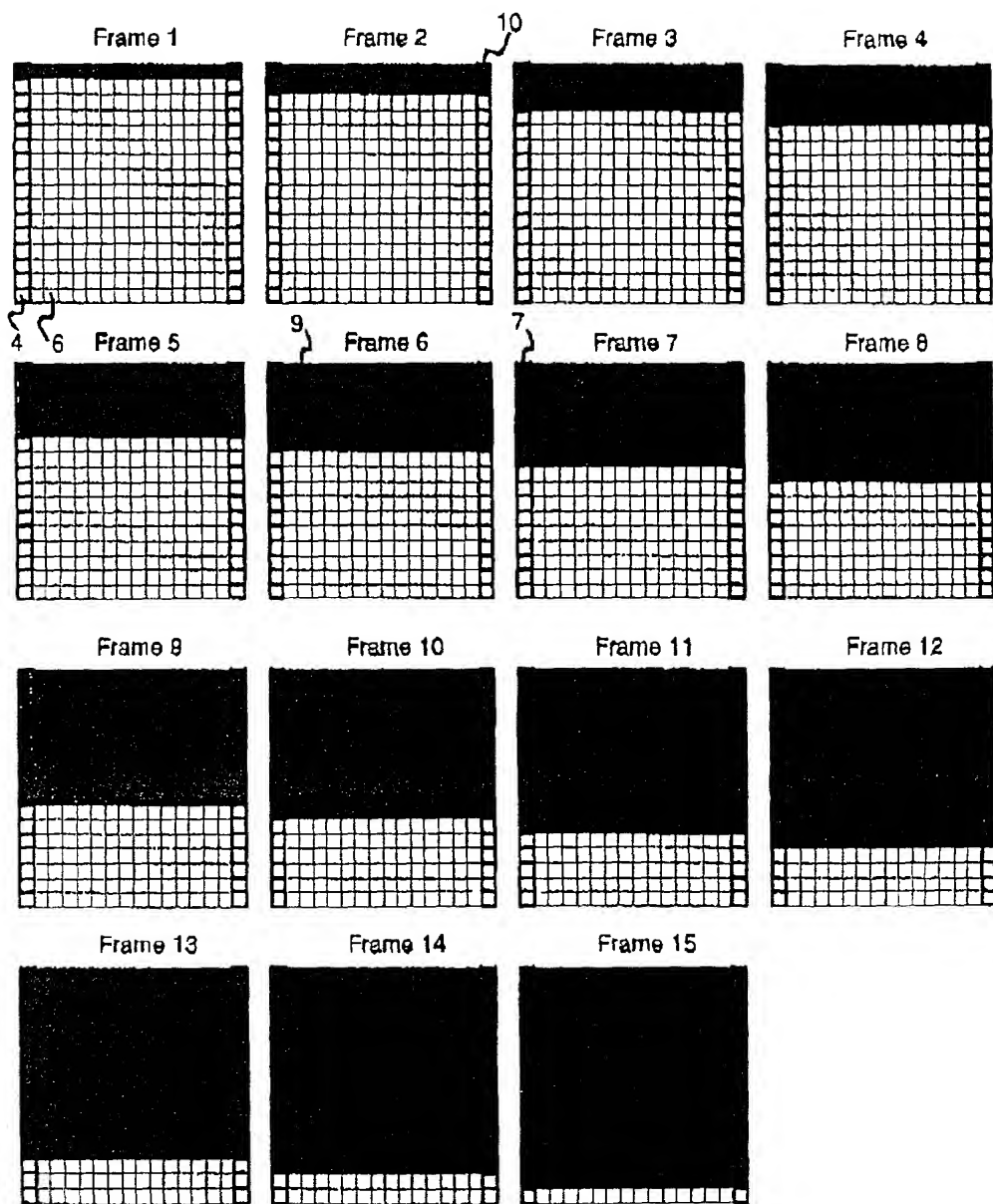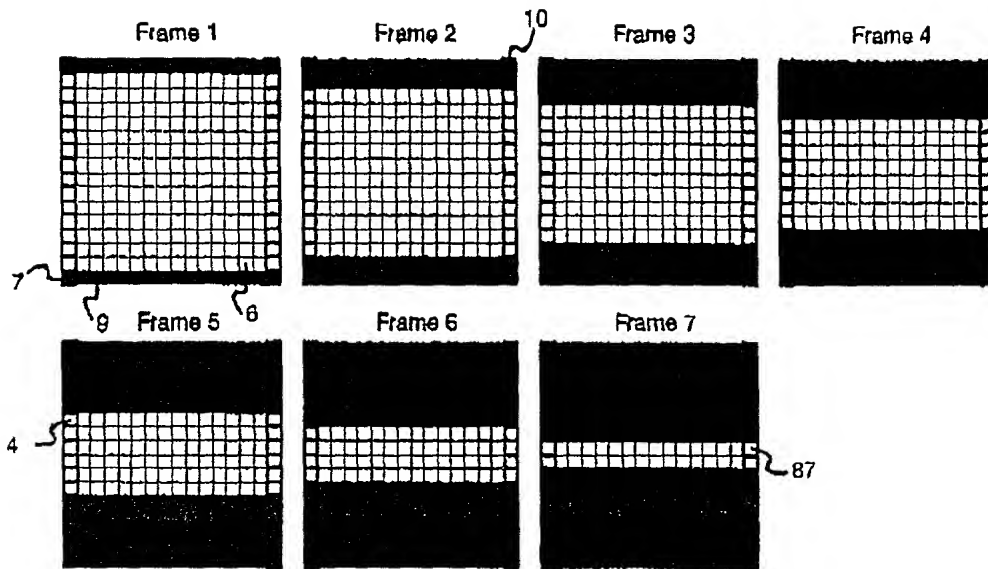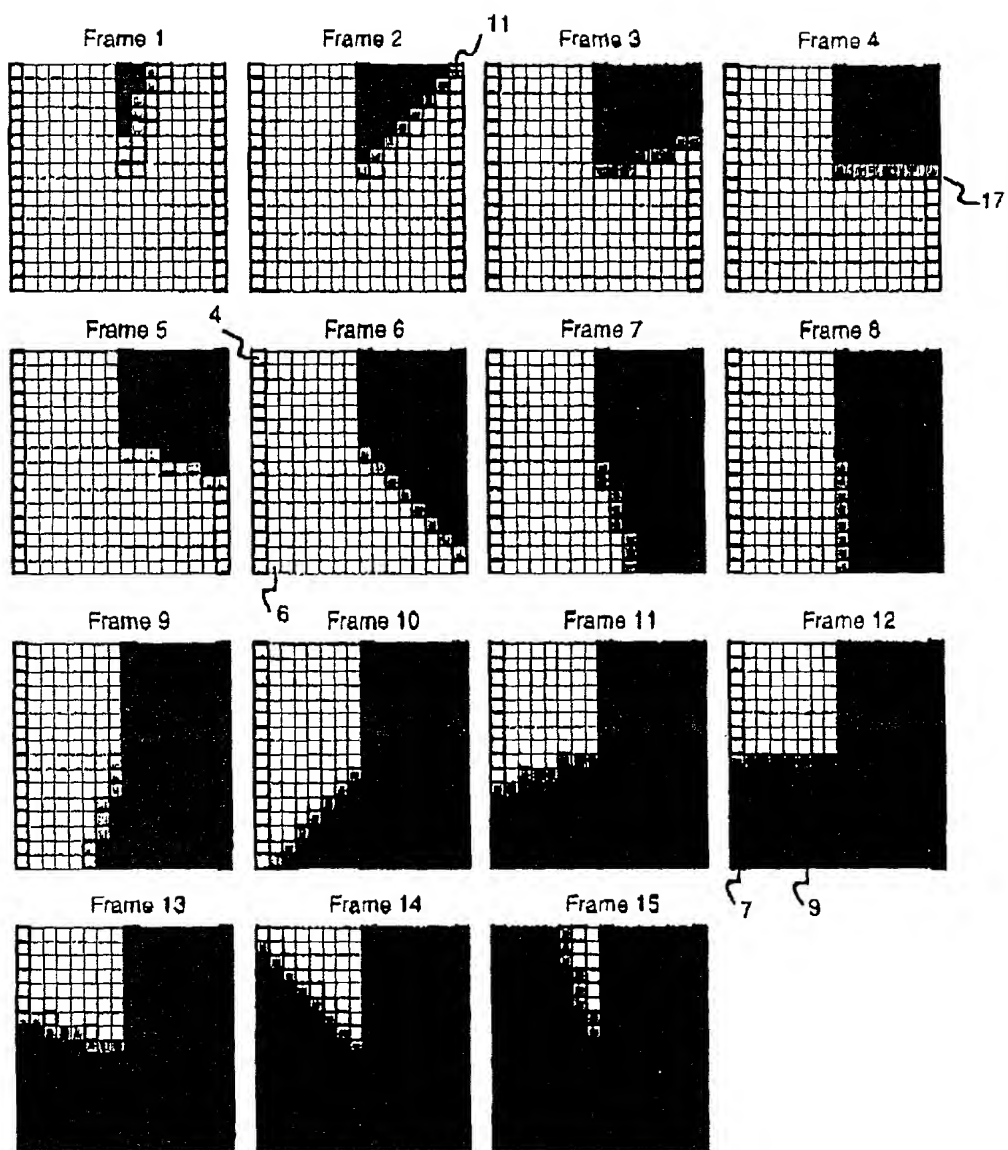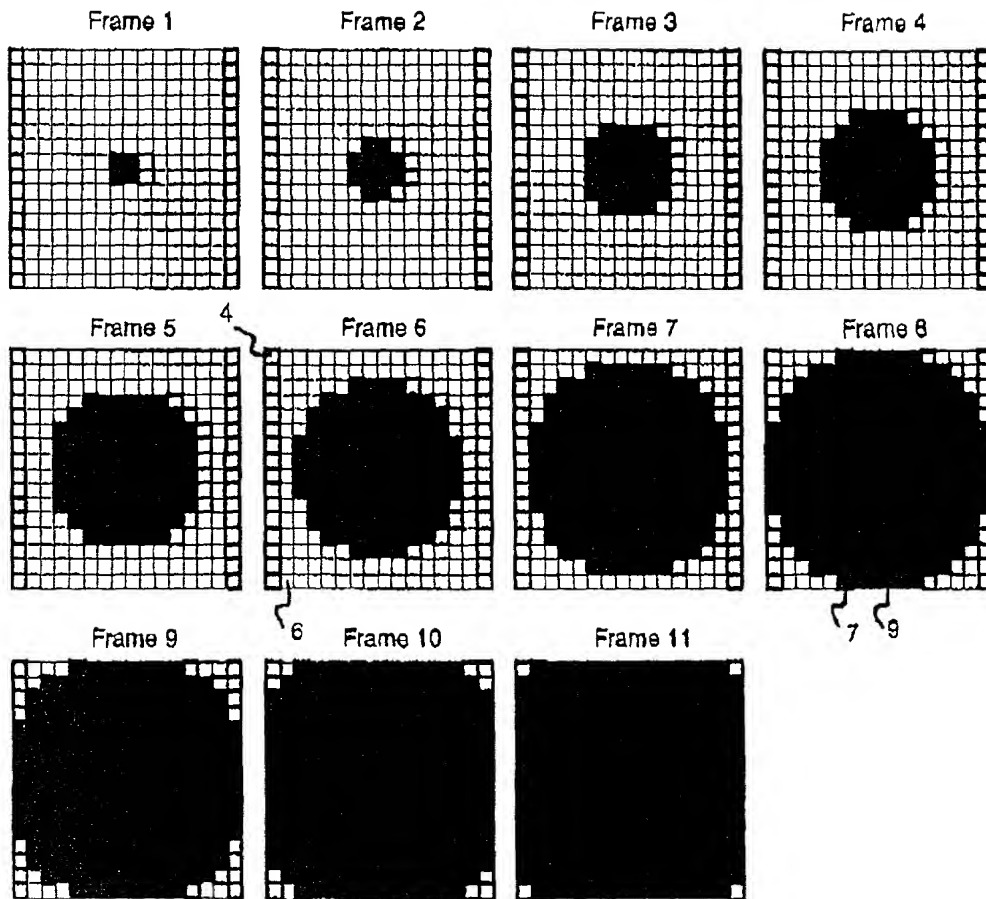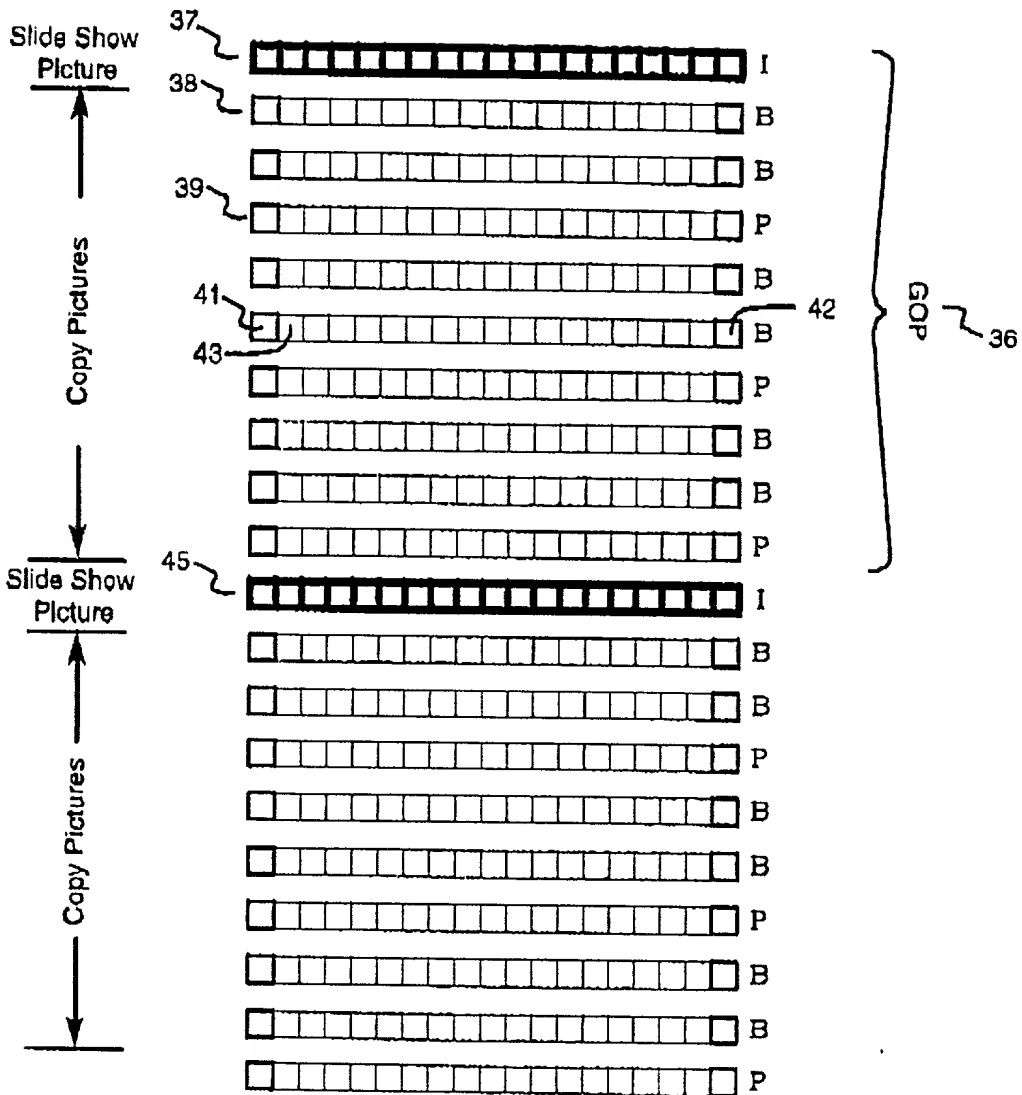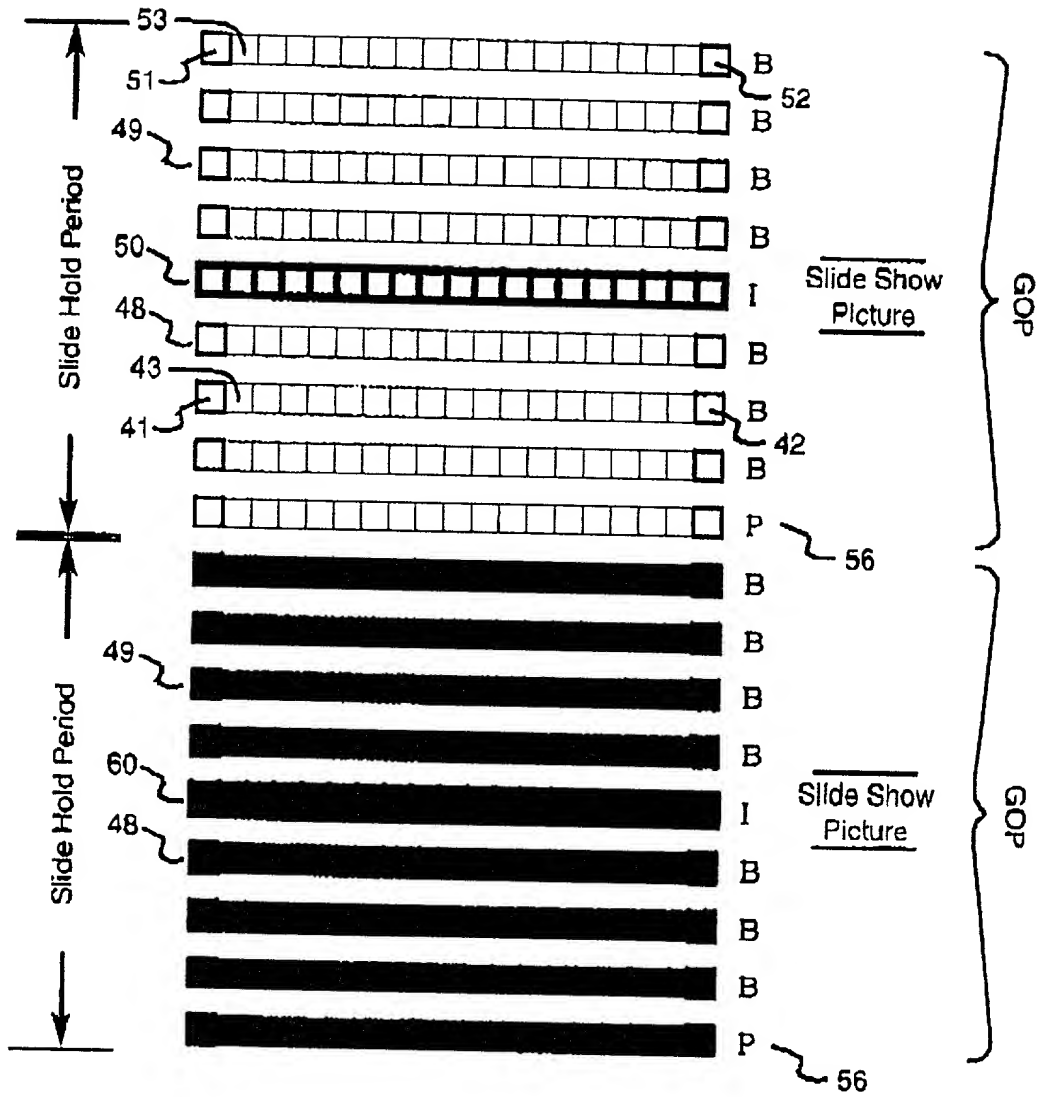Figure 1

Figure 2

Figure 3

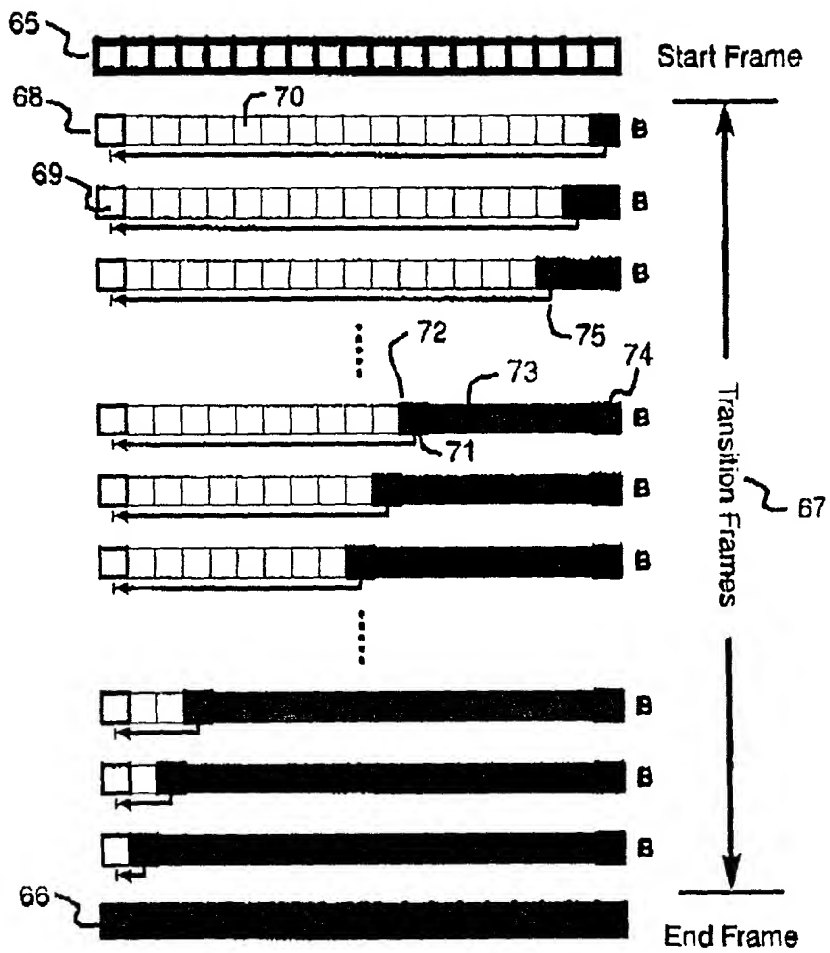Figure 4

Figure 5

Figure 6

Figure 7

Figure 8

Figure 9

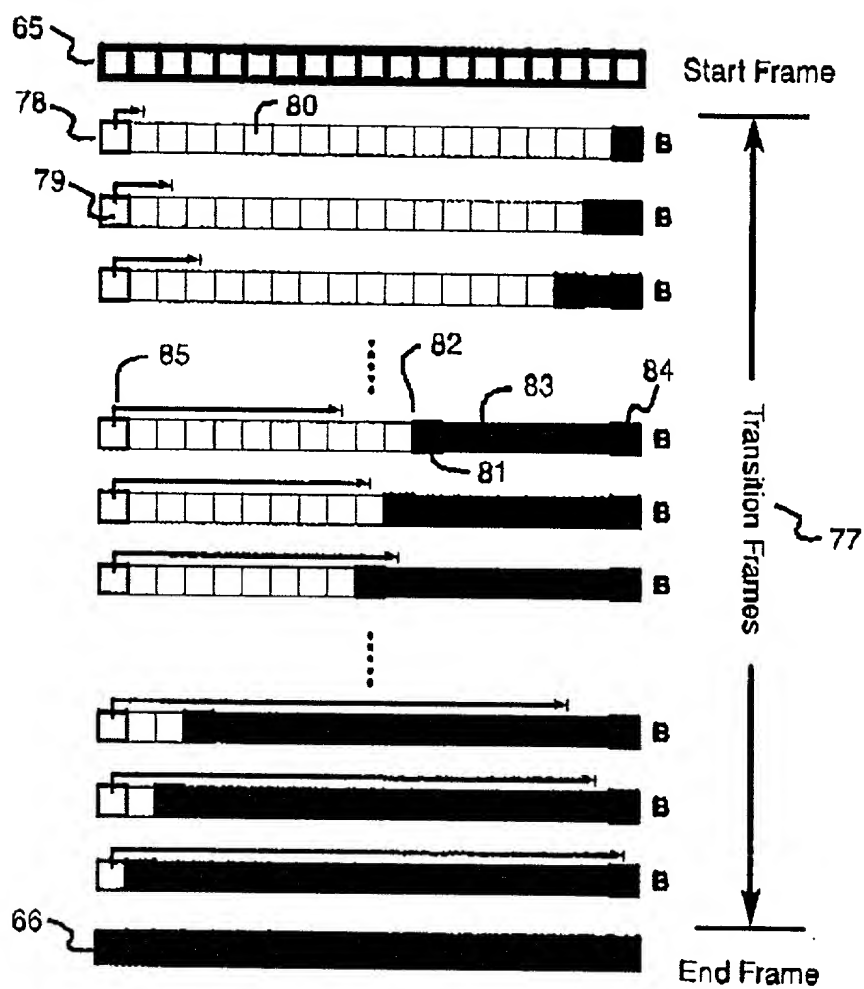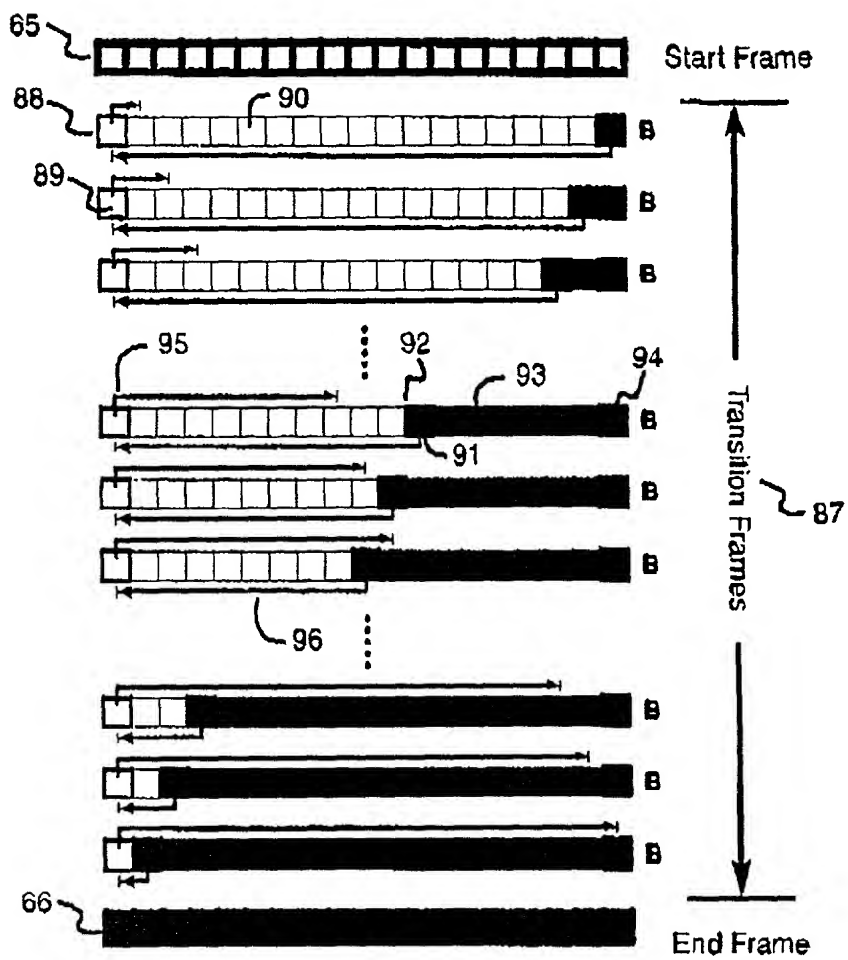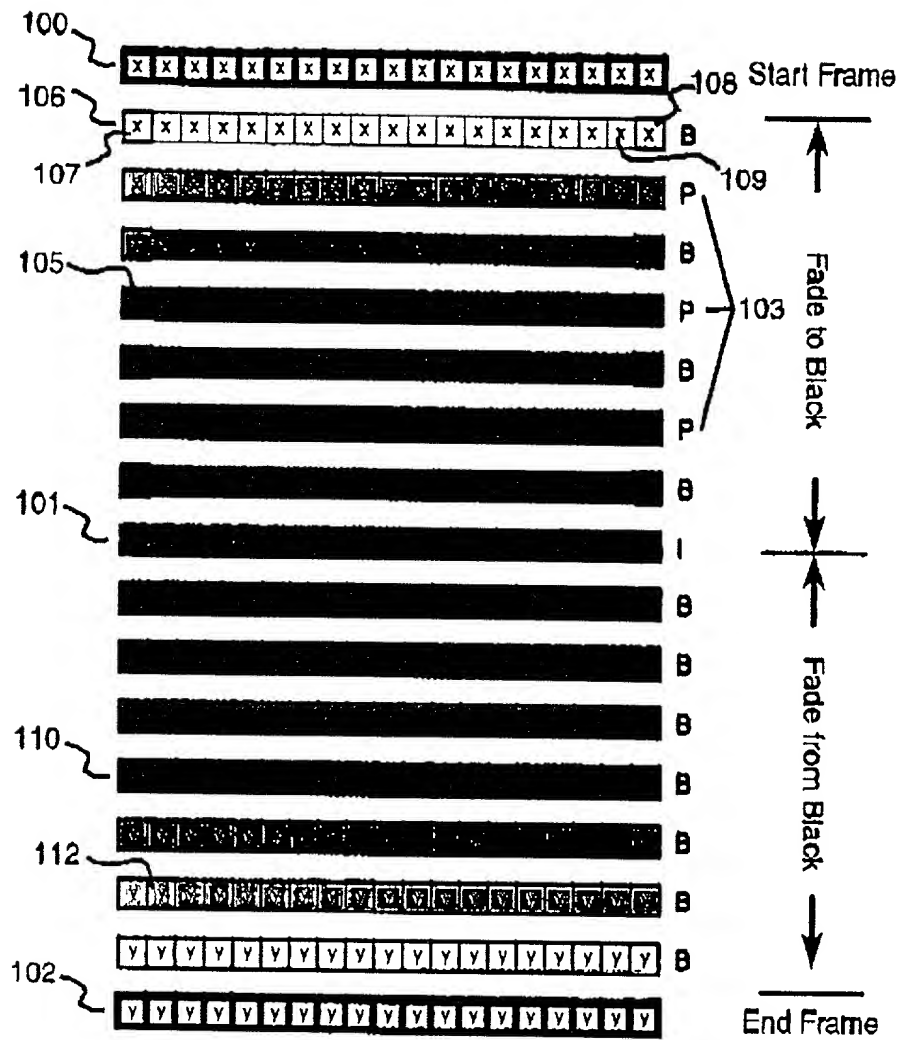Figure 10

Figure 11

Figure 12

Figure 13

Figure 14

| Transition Frames | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I | B | B | B | B | B | B | B | B | B | B | B | B | P | B | B | P | B | B |
| 12 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 15 | 13 | 14 | 18 | 16 | 17 |

Figure 15

| Transition Frames | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I | B | B | P | B | B | B | B | B | B | B | B | B | B | B | B | B | P | B | B |
| 02 | 00 | 01 | 15 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 18 | 16 | 17 |

Figure 16

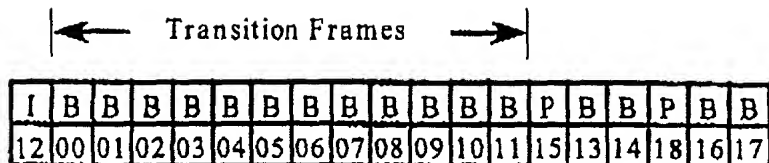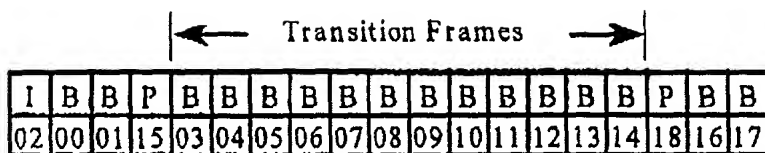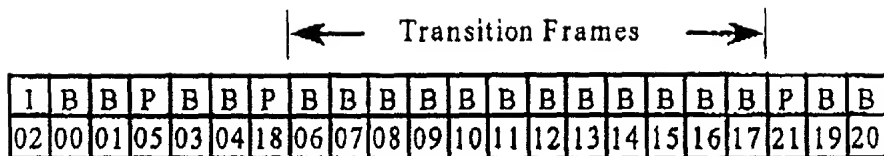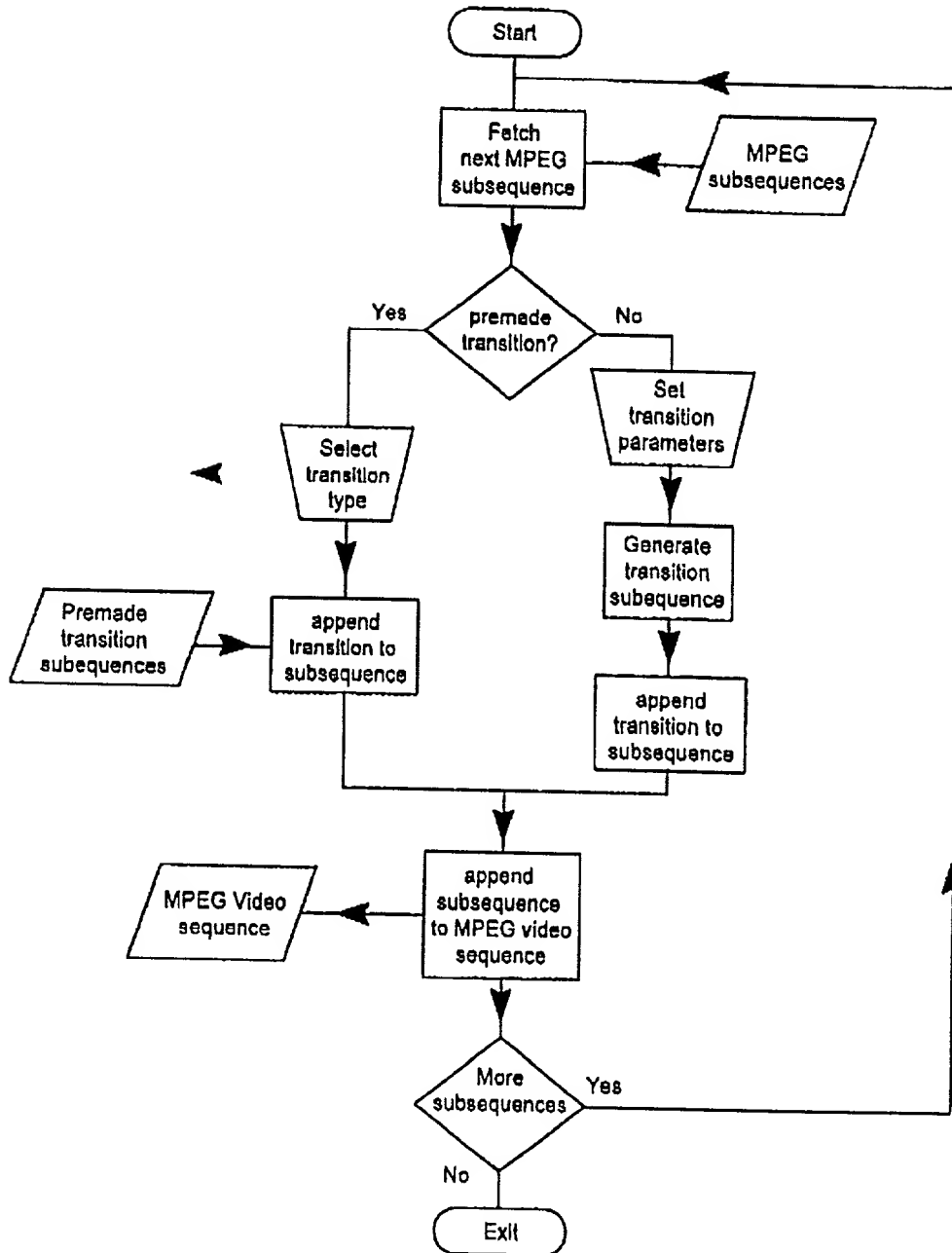| Transition Frames | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I | B | B | P | B | B | P | B | B | B | B | B | B | B | B | B | B | B | B | P | B | B |
| 02 | 00 | 01 | 05 | 03 | 04 | 18 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 21 | 19 | 20 |

Figure 17

# FIGURE 18



Creating MPEG video sequence with transitions

## FIGURE 19



Creating MPEG video subsequences from video still frames

## FIGURE 20

Start

Select next
image

Fetch and
encode next
image

Still
Images

Set hold
time

Premade
Hold
frame

Insert
Hold frame

Hold time
exceeded

No

Yes

MPEG
subsequences
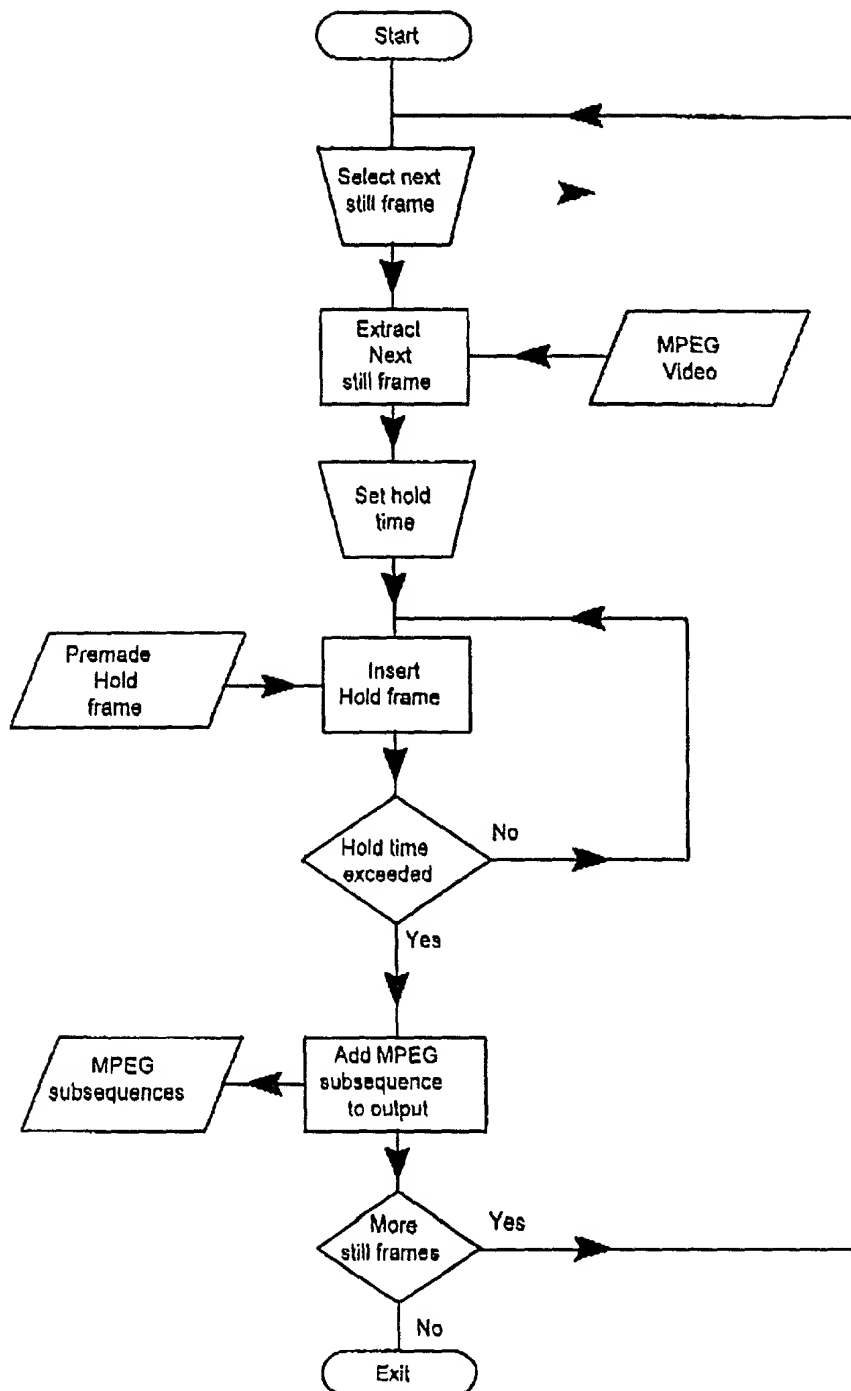
Add MPEG
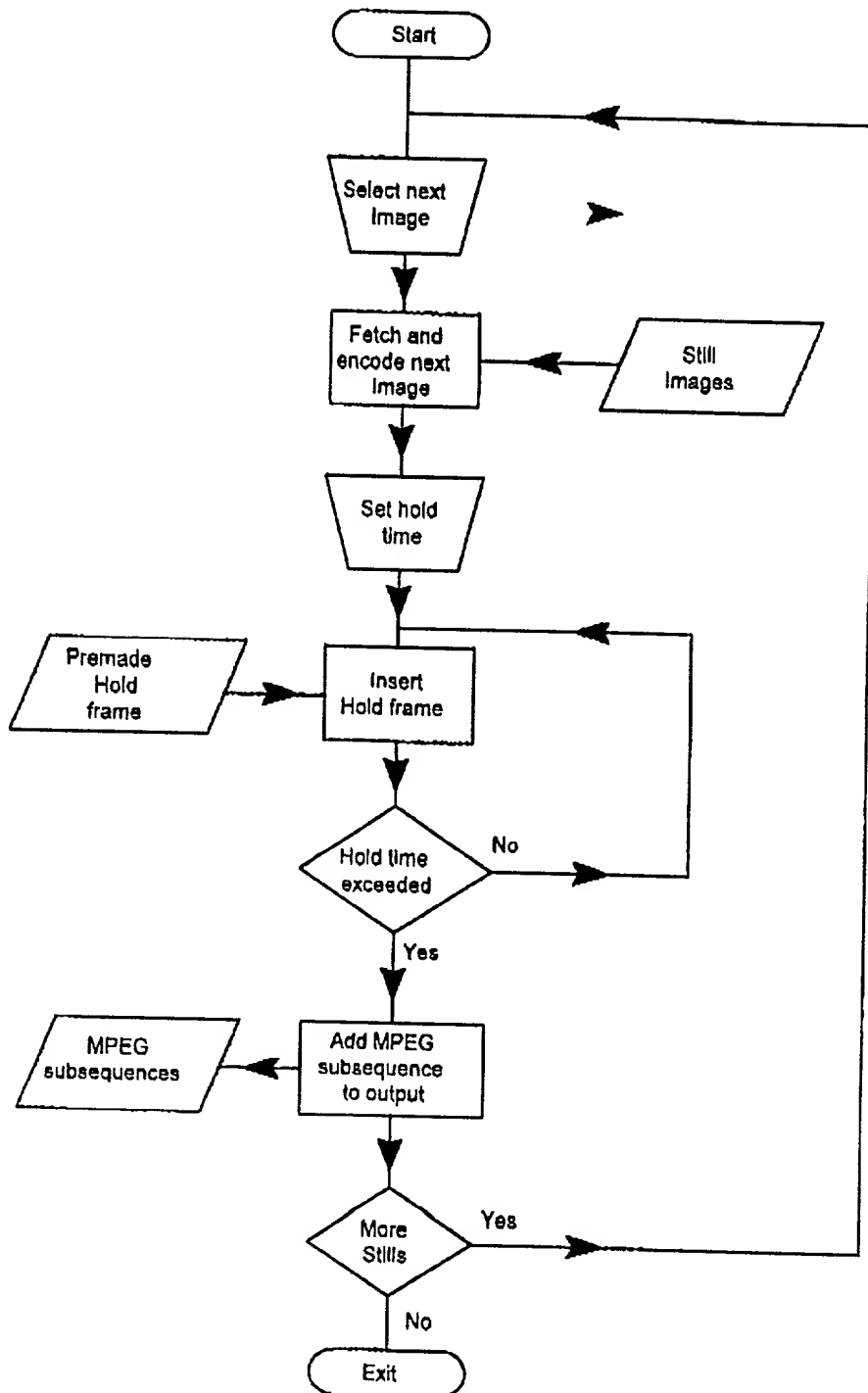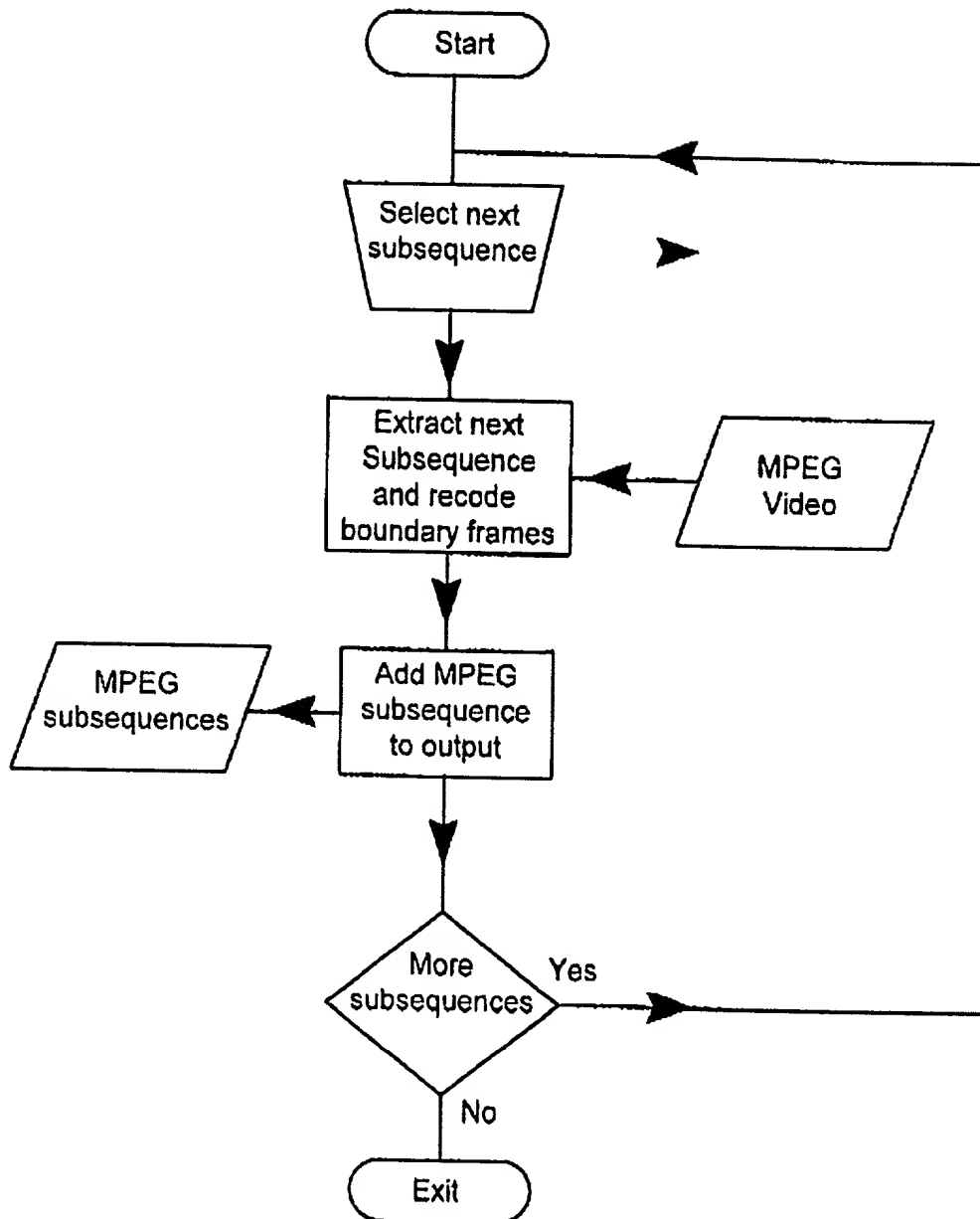subsequence
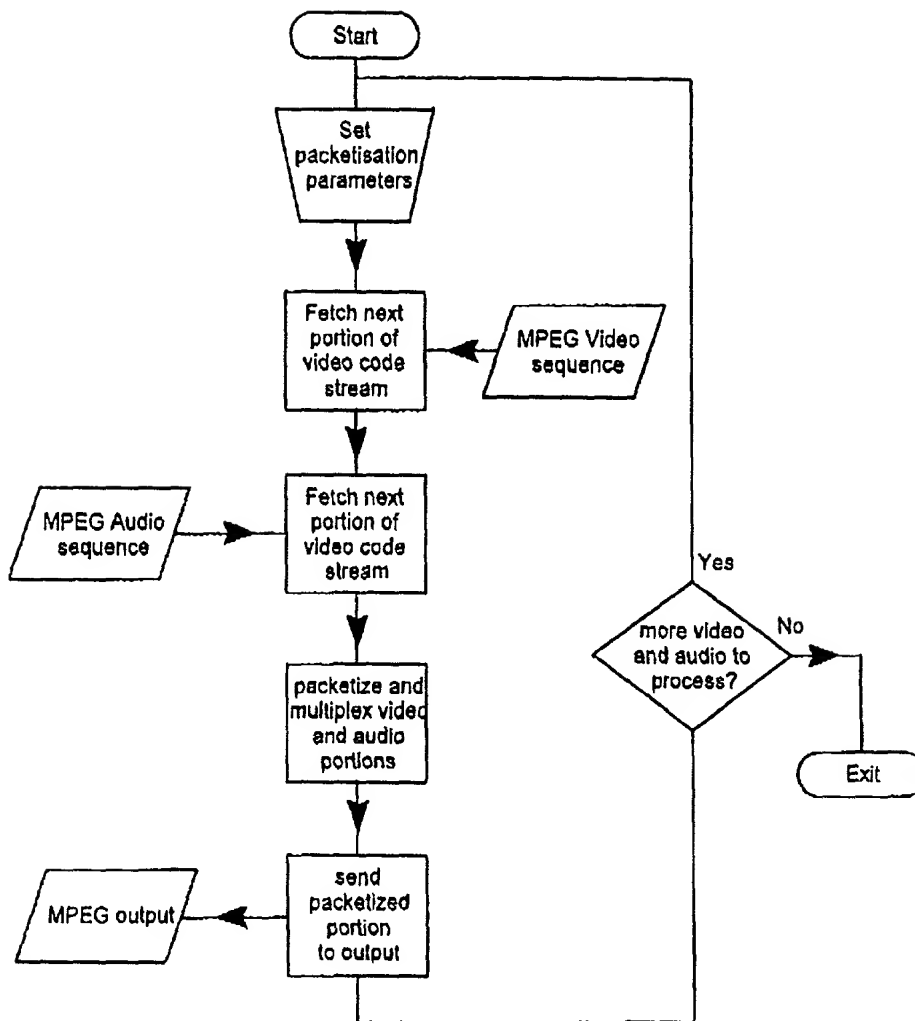to output

More
Stills

Yes

No

Exit

Creating MPEG video subsequence from images

**FIGURE 21**



Creating MPEG video subsequences from an MPEG video

**FIGURE 22**



Multiplexing and packetising MPEG audio and video streams